

University of California, Berkeley
Office of Undergraduate Research
Haas Scholars Program
9 Durant Hall #2940
Berkeley, CA 94720-2940

2011 Haas Scholars
Undergraduate
Research Conference



Robert &
Colleen
Haas Scholars
Program



Navigating
the Unseen

VISIBILITY

(IN)



(IN) VISIBILITY



Navigating the Unseen

**2011
Haas Scholars
Undergraduate
Research
Conference**

**UNIVERSITY
OF CALIFORNIA,
BERKELEY**

**APRIL 22-23
Conference**
9 Durant Hall
UC Berkeley Campus

MARCH 30-APRIL 9
Film Installation:
Landscape of Change
Louisa DeCossy
Worth Ryder Gallery
116 Kroeber Hall

APRIL 23
4:30-5:30
Film Screening
and Discussion:
*Women in a Landscape
of Change*
Louisa DeCossy

http://research.berkeley.edu/haas_scholars/

THE 2010–2011 HAAS SCHOLARS' work sheds light on objects, persons, places, and technologies that often go unperceived. Although topics range from Filipino Arthurian legends to new technologies for silicon nanowires, and research sites vary from the distant Peruvian Amazon to the familiar Home Depot parking lot, all the scholars have charted territory unmarked by academic guideposts. Please join us as the scholars present the insights gained from their shared journey and the interdisciplinary community they formed along the way.

Film Installation

Landscape of Change

Louisa DeCossy

MARCH 30–APRIL 9

Worth Ryder Gallery

116 Kroeber Hall

Film Screening and Discussion

Women in a Landscape of Change

Louisa DeCossy

SATURDAY, APRIL 23

4:30–5:30

9 Durant Hall

Design by Nancy Carroll

FRIDAY, APRIL 22

9 Durant Hall

9:45–10:15 **Welcome and Coffee**

10:15–11:45 **Designing Solutions to Heated Problems**

Chair: Professor Irfan Siddiqi, Physics

Matthew Grigorieff (Gender and Women's Studies major, American Studies major; Disability Studies minor)

Disability Studies, Disabled Student Services: Making the Link in Physical Education at UC Berkeley

Sponsor: Professor Charis Thompson, Gender and Women's Studies

Yu-Dong Sun (Materials Science and Engineering major, Physics minor)

Construction of a Novel, Cryogen-free, Self-contained Dilution Refrigerator

Sponsor: Professor Irfan Siddiqi, Physics

Jason Ross (Physics major)

Specific Heat Measurements of Silicon Nanowires

Sponsor: Professor Frances Hellman, Physics

12:00–1:00 **Lunch, Heyns Room, The Faculty Club**
in honor of the 2010–2011 Haas Scholars and Mentors
9 Durant Hall

1:15–3:15 **Tradition in Review: From Past to Present**

Chair: Professor Daniel Boyarin, Near Eastern Studies and Rhetoric

Amin Ebrahimi Afrouzi (Rhetoric major)

Law, Truth, and Refashioning the Gods

Sponsor: Professor Daniel Boyarin, Near Eastern Studies and Rhetoric

Stefanie Matabang (English and Celtic Studies major)

The Filipino Perceval: An Analysis of the Yields of a Filipino Arthurian Text

Sponsor: Professor Joi Barrios, South and Southeast Asian Studies

Zachary O'Hagan (Linguistics major)

The Endangered and the Unknown: The History and Future of Omagua, a Language of Peruvian Amazonia

Sponsor: Professor Lev Michael, Linguistics

Tawny Tsang (Psychology major, Music minor)

Learning from Mistakes: Methods to Assess the Cerebellum's Contribution to Cognition

Sponsor: Professor Richard Ivry, Psychology

3:30–5:00 **Demystifying the Molecular World**

Chair: Professor John Dueber, Bioengineering

Alison Smith (Chemical Biology major, Dance and Performance Studies minor)

Molecular Characterization of a piRNA Biogenesis Protein

Sponsor: Professor Jennifer Doudna, Molecular and Cell Biology

Elton Chan (Molecular and Cell Biology major)

Elucidating Mechanisms of Fine Genetic Control by an sRNA in Pathogenic Bacterium Salmonella typhimurium

Sponsor: Professor Fenyong Liu, School of Public Health

Susan Chen (Bioengineering and Molecular and Cell Biology major)

Understanding the Mechanism of Synthetic Protein Scaffolding for Improving Metabolic Yield

Sponsor: Professor John Dueber, Bioengineering

5:00–6:15 **New Scholars Reception, Durant Hall, 3rd-floor Atrium**
to honor the 2011–2012 Haas Scholars and Mentors

SATURDAY, APRIL 23

9 Durant Hall

10:00–10:30 **Welcome and Coffee**

10:30–12:00 **Alternate Geographies: Connecting Social and Natural Spaces**

Chair: Professor Paul Groth, Geography

Jonathan Wang (Art Practice and Anthropology major)

Mapping the Non-Spectacle: A Counter-Narrative to the 2010 South Africa World Cup

Sponsor: Professor Greg Niemeyer, Art Practice

Mio Kitayama (Economics and Molecular Environmental Biology major)

Modeling the Future Expansion of Oil Palm Production and Its Impact on Global Biodiversity

Sponsors: Professor Richard Norgaard, Energy & Resources Group, and Professor Mathew D. Potts, Environmental Policy, Science, and Management

Jessica Pizzagone (Geography major)

The Allure of Granite: Contrasting Identities Created Around the Yosemite Valley

Sponsor: Professor Paul Groth, Geography

12:00–12:45 **Lunch, 9 Durant Hall**

1:00–2:30 **At the Intersection of Power, Culture, and Work**

Chair: Victoria Robinson, Lecturer, American Cultures and Ethnic Studies

Katherine Hood (Sociology major)

Discouraged Workers? Making Sense of Long-Term Unemployment in the Midst of the Great Recession

Sponsor: Professor Michael Hout, Sociology

Hector Gutiérrez (Ethnic Studies major)

Permanent Workers in the Temporary Economy

Sponsor: Victoria Robinson, Lecturer, American Cultures and Ethnic Studies

Ekaterina Moiseeva (Political Science major)

The 'Russian Geisha': Commodity of a Commodity

Sponsor: Professor M. Steven Fish, Political Science

2:45–4:15 **A Trinity of Repression: Marginalized Voices from South Africa, Ireland, and Japan**

Chair: Professor Katherine Sherwood, Art Practice

Margaux Fitoussi (History major, Global Poverty and Practice minor)

'A Specter Haunting South Africa': Cuba's Significance to the Women of the South African Anti-Apartheid Struggle, 1975–1991

Sponsor: Professor David Cohen, Rhetoric and Classics

Louisa DeCossy (Art Practice major)

Women in a Landscape of Change: Filmic Portraits of Irish Women and a Culture in Transition

Sponsor: Professor Katherine Sherwood, Art Practice

Sonia Gomez (History major)

'The Loneliest Brides in America': Japanese War Brides and African American GIs in Postwar America

Sponsor: Professor Waldo Martin, History

4:30–5:30 **Film Screening and Discussion: Women in a Landscape of Change**

Louisa DeCossy



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